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SOURCE Newspapers as indicated.

NEW SMALL SPARK PLUG WINS STALIN PRIZE

USE NEW SPARK PLUGS ON ZIS-110 CARS -- Vecherniyaya Moskva, 23 May 50

The entire staff of the scientific-research laboratory of the Moscow Automobile and Tractor Electrical Equipment Plant No 2 has been awarded the Stalin prize for the design of small-dimension spark plugs for passenger cars. The main difficulty was to produce an insulator 15-20 millimeters high and weighing 10 grams, which could support a tension of 25,000-30,000 volts. A suitable ceramic was finally obtained.

The new spark plugs are employed on the ZIS-110 cars produced by the Moscow Automobile Plant imeni Stalin.

MAKE OPERATORS RESPONSIBLE FOR TOOLS -- Trud, 31 May 50

At the Gor'kiy Automobile Plant imeni Molotov, 7,260 machine-tool operators have accepted responsibility for socialist maintenance of production equipment.

SUGGESTS NEW WAY OF POLISHING CAMS -- Trud, 21 May 50

At the Yaroslavl' Automobile Plant, fitter Aleshin's suggestion that the spherical surfaces of cams of the camshaft be polished on a boring machine instead of a special machine tool has speeded up production considerably.

LATHE HAND DESIGNS IMPROVED MACHINE TOOL -- Kommunist Tadzhikistana, 14 May 50

The Engineering and Technical Council of Central Automobile Repair Shops of the Main Administration of Roads Tadzhik SSR recently approved a latheoperator's proposal to modify the design of the drilling and grinding machine. As a result, the finishing of cylinders for automobile engines is now done 50 percent faster. In grinding, seams can now be easily eliminated.

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MAKES NEW TYPES OF BICYCLES -- Sovetskaya Kirgiziya, 12 May 50

The Kharkov Bicycle Plant has begun mass production of the new Progress-1 and Progress-2 bicycles. The frame and handle bars have been modified in the new types and, as a result, stability and steering capacity have been increased. These bicycles have electrical equipment and hand brakes.

The plant has also begun to put out the B-53 bicycle, a sport model with three speeds. In addition, it is producing a convertible children's bicycle which can be changed from a three- to a two-wheeler.

PUTS OUT IMPROVED BICYCLE -- Kommunist Tadzhikistana, 31 May 50

The Riga Sarkana Zvaygzne Bicycle Plant has just produced the first experimental models of a new men's bicycle, the Riga-10. It is somewhat lower than existing types and 11 centimeters shorter. It has improved rubber handles on the handle bar and its bearings are protected against dust.

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